

Antibiogram of Selected Pathogens, South Dakota 2017

West Region

Gram positive organisms								
	Staphylococcus aureus†	Methicillin-susceptible S. aureus (MSSA)	Methicillin-resistant S. aureus (MRSA)	Group A Streptococcus	Group B Streptococcus	Streptococcus pneumoniae	Enterococcus faecalis	Enterococcus faecium
								
								
South Dakota State University College of Pharmacy								
Antibiotic	% Susceptible and (n) number of isolates tested							
Amoxicillin/Clavulanic acid								
Cefepime								
Cefotaxime						88(78)		
Ceftriaxone						100(100)		
Ampicillin								
Oxacillin‡	61(1357)	99(88)	0(59)					
Penicillin‡	17(1357)	24(88)	0(30)	100(46)	100(100)	81(166)	98(873)	17(153)
Ciprofloxacin								
Levofloxacin				100(46)	99(100)	100(82)		
Clindamycin	71(1346)	93(67)	68(50)	100(45)	59(89)	85(75)		
Daptomycin								
Erythromycin	48(1346)			96(45)	38(89)	54(80)		
Gentamicin							76(835)	97(152)
Linezolid	100(1357)	100(87)	100(58)				100(863)	97(152)
Nitrofurantoin*	99(1340)						99(633)	43(107)
Rifampin	99(1357)	100(75)						
Trimethoprim/Sulfamethoxazole	99(1357)	99(88)	98(98)					
Tetracycline	94(1357)	94(86)	85(59)	78(46)	11(99)	74(78)	23(794)	20(147)
Vancomycin	100(1357)	99(88)	100(46)	100(46)	100(100)	100(85)	99(873)	35(143)

* Nitrofurantoin = urine isolates only

†From laboratories which did not separate MRSA and MSSA. Data included in this column is not included in the MSSA or MRSA columns.

‡Only reported oxacillin and penicillin for Staph. aureus based on CLSI guidelines

CLSI recommends reporting data only if 30 or more isolates analyzed, less than 30 isolates are reported for completeness